In the Claims:

1. (Currently amended) A system, comprising:

a connection to a virtual private network;

a router, coupled to said virtual private network connection, wherein said router maintains a virtual router, said virtual router configurable to be dedicated to a customer, wherein the router receives packets from the virtual private network, each packet having a VPN ID, wherein the router uses the VPN ID and a dedicated virtual routing table to filter packets to the virtual router associated with the VPN ID, wherein the virtual router adds tag information based on the VPN ID to the packets before transmitting the packets to a virtual LAN switch, thereby enabling virtual separation of packets within the router and enabling IP addresses spaces within a private address range to overlap between different clients;

a server having a plurality of logical partitions, such that the logical partitions are maintained logically separate from each other ~~a logical partition~~;

a virtual LAN switch, coupled to said router and to said server, said virtual LAN switch providing selectable forwarding of information from said virtual router to one of said plurality of logical partitions ~~said logical partition~~ in accordance with virtual LAN configuration information mapping the virtual router to the logical partition, said virtual LAN switch using the tag information and LAN configuration information to forward the packets to the one of said plurality of logical partitions;

at least one volume;

an FC switch, wherein said FC switch provides selectable interconnection between said one of said plurality of logical partitions ~~logical partition~~ and said at least one volume, ~~so that information received from said customer via said virtual private network connection is directed to said virtual router by said router, and wherein said information is then directed to said logical partition of said server by said virtual LAN switch, and wherein said information is then directed to one of said at least one volume by said FC switch~~ wherein the FC switch uses a storage table to determine an appropriate one of said at least one volume, to confirm rights of the logical partition to access the determined one of said at least one volume, and to forward the packets from the logical partition to the determined one of said at least one volume.

2. (Original) The system of claim 1, further comprising a virtual private network management system that controls operation of said router.

3. (Original) The system of claim 2, said virtual private network management system further comprising: a network interface module that receives commands from an integrated service management system, a service order processing module that analyzes and executes the commands, updates a table of virtual private network information, and sends new configuration information to said router through a control module.

4. (Original) The system of claim 2, said virtual service management system further comprising a virtual private network table, said virtual private network table having a VPN ID that identifies a specific VPN, an Address 1 and an Address 2 that hold IP addresses of two end points of said specific VPN, a Protocol that specifies a VPN protocol that is used on said specific VPN, an Internet that indicates whether access to public Internet is permitted, and a VLAN ID that is assigned to packets received over said specific VPN.

5. (Original) The system of claim 1, further comprising a server management system that controls operation of said virtual LAN switch.

6. (Original) The system of claim 1, further comprising a storage management system that controls operation of said FC switch.

7. (Original) The system of claim 1, further comprising an integrated service management system that controls operations.

8. (Original) The system of claim 7, said integrated service management system further comprising: a network interface module that receives requests to change configuration, a service order processing module that analyzes and executes requests to change configuration received by said network interface module, updates related table cache in a service

management database, and sends new configuration information using said network interface module.

9. (Original) The system of claim 8, further comprising an operator console application that sends a request command to change service configuration to said integrated management system.

10. (Original) The system of claim 8, further comprising a customer portal application that sends a request command to change service configuration to said integrated management system.

11. (Original) The system of claim 8, said integrated service management system further comprising a service configuration table, said service configuration table having destination information.

12. (Original) The system of claim 8, said integrated service management system further comprising a server table, said server table having a server identification, an address, a physical server identifier, a virtual LAN identification, a logical partition (LPAR) identification, a host bus adaptor (HBA) identification, an application identification, an operating system identifier, and a CPU information.

13. (Original) The system of claim 8, said integrated service management system further comprising a storage table, said storage table having a volume identifier, a port identifier, an allowed host bus adapter(s) (HBAs) identifier, a capacity identifier, and an access information.

14. (Original) The system of claim 8, said integrated service management system further comprising a service mapping table, said service mapping table having a customer identifier, a virtual private network identifier, a server identifier, and a volume identifier.

15. (Original) The system of claim 8, said integrated service management system further comprising a service status table, said service status table having a customer identifier, a virtual private network status, a server status, and a volume status.

16-20. (Canceled)